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Set	Items	Description
S1	541	(ESTROGEN (3N) RECEPTOR) (S) PLANT?
S2	118	ESTROGEN (3N) RECEPTOR (4N) PLANT?
S3	87	RD (unique items)
S4	7	S3 (S) INDUC?
S5	7	RD (unique items)

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?s s3 (s) vp16
            87  S3
         12243  VP16
S6           0  S3 (S) VP16
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File   5:Biosis Previews(R) 1969-2002/Jul W1
         (c) 2002 BIOSIS
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File  77:Conference Papers Index 1973-2002/Jul
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         (c) 1999 AAAS
File 399:CA SEARCH(R) 1967-2002/UD=13701
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Set	Items	Description
S1	541	(ESTROGEN (3N) RECEPTOR) (S) PLANT?
S2	118	ESTROGEN (3N) RECEPTOR (4N) PLANT?
S3	87	RD (unique items)
S4	7	S3 (S) INDUC?
S5	7	RD (unique items)

>>>KWIC option is not available in file(s): 41, 77, 399

5/3,K/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

12945386 BIOSIS NO.: 200100152535
Activation of a uterine insulin-like growth factor I signaling pathway by clinical and environmental estrogens: Requirement of estrogen receptor-alpha.
AUTHOR: Klotz Diane M; Hewitt Sylvia Curtis; Korach Kenneth S; DiAugustine Richard P(a)
AUTHOR ADDRESS: (a)National Institute of Environmental Health Sciences, Research Triangle Park, NC, 27709: diaugus2@niehs.nih.gov**USA
JOURNAL: Endocrinology 141 (9):p3430-3439 September, 2000
MEDIUM: print
ISSN: 0013-7227
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

...ABSTRACT: effects of 17beta-estradiol (E2) in the uterus and in regulating the growth of uterine neoplasms. This study was designed to determine whether synthetic and *plant*-derived chemicals that interact with *estrogen* *receptor*-alpha (ERalpha) and elicit estrogenic responses also mimic E2 by activating the uterine IGF-I signaling pathway. Ovariectomized adult female mice were treated with both...

...1,1-trichloroethane (HPTE), bisphenol A, and genistein were shown to mimic E2 in the uterus by increasing the level of IGF-I messenger RNA, *inducing* IGF-I receptor (IGF-IR) tyrosine phosphorylation, stimulating the formation of IGF-IR signaling complexes, and increasing both proliferating cell nuclear antigen expression and the...

5/3,K/2 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

10509901 Genuine Article#: 537FV No. References: 88
Title: The effects of natural and synthetic steroid estrogens in relation to their environmental occurrence
Author(s): Lai KM; Scrimshaw MD; Lester JN (REPRINT)
Corporate Source: Univ London Imperial Coll Sci Technol & Med,TH Huxley Sch Environm Earth Sci & Engn, Environm Proc & Water Technol Grp,London SW7 2BP//England/ (REPRINT); Univ London Imperial Coll Sci Technol & Med,TH

Huxley Sch Environm Earth Sci & Engn, Environm Proc & Water Technol Grp,London SW7 2BP//England/
Journal: CRITICAL REVIEWS IN TOXICOLOGY, 2002, V32, N2, P113-132
ISSN: 1040-8444 Publication date: 20020000
Publisher: CRC PRESS LLC, 2000 CORPORATE BLVD NW, JOURNALS CUSTOMER SERVICE, BOCA RATON, FL 33431 USA
Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

...Abstract: acute toxicity data and physiological studies relating to natural and synthetic steroid estrogens in a range of animals and plants are reviewed. Steroid estrogens may *induce* adverse effects in animals that do or do not express the *estrogen* *receptor*, and in *plants*, and they may mimic other hormones or *induce* nonestrogenic effects. Although the findings of such studies should be treated with caution when extrapolated to possible environmental effects, the available data indicate that a...

5/3,K/3 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

09083217 Genuine Article#: 365ER No. References: 37
Title: An estrogen receptor-based transactivator XVE mediates highly inducible gene expression in transgenic plants
Author(s): Zuo JR; Niu QW; Chua NH (REPRINT)
Corporate Source: ROCKEFELLER UNIV,PLANT MOL BIOL LAB, 1230 YORK AVE/NEW YORK//NY/10021 (REPRINT); ROCKEFELLER UNIV,PLANT MOL BIOL LAB/NEW YORK//NY/10021
Journal: PLANT JOURNAL, 2000, V24, N2 (OCT), P265-273
ISSN: 0960-7412 Publication date: 20001000
Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON, ENGLAND
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

5/3,K/4 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text

03769450 H.W. WILSON RECORD NUMBER: BGSI98019450 (USE FORMAT 7 FOR FULLTEXT)
Molecular basis of the inhibition of human aromatase (estrogen synthetase) by flavone and isoflavone phytoestrogens: a site-directed mutagenesis study.
Kao, Yeh-Chih
Zhou, Changbao; Sherman, Mark
Environmental Health Perspectives (Environ Health Perspect) v. 106 no2 (Feb. '98) p. 85-92
SPECIAL FEATURES: bibl il ISSN: 0091-6765
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 7373

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... breast cancer and heart disease incidence in postmenopausal women is at least, in part, proposed based on results generated from studies on phytoestrogens. Phytoestrogens are *plant* chemicals that bind to the *estrogen* *receptor* and *induce* many components of *estrogen* action (2-10). The best known phytoestrogens are diphenolic chemicals that belong to the classes of flavonoids, isoflavonoids, and lignans (2-10). These compounds are...

5/3,K/5 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.

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0271970 DBA Accession No.: 2001-11194 PATENT
New nucleic acid comprising a chemically inducible promoter for selecting transgenic lettuce plants having a silent selectable marker and for screening for mutations in a gene of an organism or cell - vector-mediated isopentenyl-transferase or luciferase reporter gene transfer and expression in transgenic plant for improved antibiotic-resistance or herbicide resistance
AUTHOR: Zuo J; Chua N H
CORPORATE SOURCE: New York, NY, USA.
PATENT ASSIGNEE: Univ.New-York-Rockefeller 2001
PATENT NUMBER: WO 200134821 PATENT DATE: 20010517 WPI ACCESSION NO.: 2001-335937 (2035)
PRIORITY APPLIC. NO.: US 438392 APPLIC. DATE: 19991112
NATIONAL APPLIC. NO.: WO 2000US31070 APPLIC. DATE: 20001113
LANGUAGE: English

DESCRIPTORS: lettuce transgenic *plant* construction, vector-mediated chemically *inducible* promoter, *estrogen* *receptor*, isopentenyltransferase, luciferase reporter gene transfer, appl. improved antibiotic-resistance, herbicide resistance, fluorescent, word display Lactuca sativa enzyme DNA sequence protein sequence crop improvement (Vol.20...

5/3,K/6 (Item 2 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2002 Thomson Derwent & ISI. All rts. reserv.

0271969 DBA Accession No.: 2001-11193 PATENT
Selecting transgenic plants with silent marker, in particular transgenic tobacco and lettuce plants, by using selectable marker under the control of chemically inducible promoter - vector plasmid pER8-CKI1 expression in host cell for transgenic plant construction
AUTHOR: Zuo J; Niu Q; Chua N H
CORPORATE SOURCE: New York, NY, USA.
PATENT ASSIGNEE: Univ.New-York-Rockefeller 2001
PATENT NUMBER: WO 200134820 PATENT DATE: 20010517 WPI ACCESSION NO.: 2001-335936 (2035)
PRIORITY APPLIC. NO.: US 439535 APPLIC. DATE: 19991112
NATIONAL APPLIC. NO.: WO 2000US31034 APPLIC. DATE: 20001113
LANGUAGE: English

DESCRIPTORS: selectable marker, chemically *inducible* promoter, glucocorticoid *receptor*, isopentenyltransferase, cytokinin-independent-1 gene, *estrogen* *receptor* regulatory region, somatic embryogenesis, embryo culture, *plant* cell culture, vector expression in host cell appl. silent marker tobacco, transgenic plant gene transfer enzyme Nicotiana tabacum Lettuce crop improvement Lactuca sativa (Vol.20...

5/3,K/7 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01501333 ORDER NO: AAD96-27556
PHYTOESTROGENS IN TWO DIOECIOUS SPECIES: ISOLATION, CHARACTERIZATION AND ROLE IN PLANT REPRODUCTION (MACLURA POMIFERA, MORUS MICROPHYLLA)
Author: MAIER, CAMELIA G. A.
Degree: PH.D.
Year: 1996
Corporate Source/Institution: UNIVERSITY OF NORTH TEXAS (0158)
Source: VOLUME 57/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 2403. 133 PAGES

...increase in β-galactosidase expression. Interference-based

assays with GAL4-ERE overlapping promoter elements in the reporter plasmid indicated that phytoestrogens in Maclura and Morus *plant* extracts acted via the *estrogen* *receptor* in activating the transcription of the reporter gene. The putative Maclura phytoestrogen was lipid soluble and co-migrated with sterols (17 β-estradiol) and isoflavones...

...Maclura putative phytoestrogen was not a sterol. The phytoestrogens in Maclura and Morus appeared to be synthesized at specific developmental stages. High levels of phytoestrogen-*induced* transcriptional activities correlated with the formation of functional gynoecium in female flowers of both species and a vestigial gynoecium in mulberry species. Extracts from some...
?

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(c) 2001 The HW Wilson Co
File 144:Pascal 1973-2002/Dec W5
(c) 2002 INIST/CNRS
File 155:MEDLINE(R) 1966-2002/JAN W2
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File 357:Derwent Biotechnology Abs 1982-2002/Feb B1
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File 358:Current BioTech Abs 1983-2001/Oct
(c) 2001 DECHEMA
File 369:New Scientist 1994-2002/Dec W4
(c) 2002 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 399:CA SEARCH(R) 1967-2001/UD=13602
(c) 2002 AMERICAN CHEMICAL SOCIETY
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 40:Enviroline(R) 1975-2001/Dec
File 41:Pollution Abs 1970-2002/Jan
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File 68:Env.Bib. 1974-2001/Nov
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File 35:Dissertation Abs Online 1861-2002/Jan
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File 48:SPORTDiscus 1962-2001/Jan
(c) 2001 Sport Information Resource Centre

File 91:MANTIS(TM) 1880-2001/Oct
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File 149:TGG Health&Wellness DB(SM) 1976-2002/Dec W4
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File 159:Cancerlit 1975-2001/Oct
(c) format only 2001 Dialog Corporation
File 164:Allied & Complementary Medicine 1984-2001/Feb
(c) 2001 BLHCIS
File 442:AMA Journals 1982-2001/Jan B2
(c)2001 Amer Med Assn -FARS/DARS apply
File 444:New England Journal of Med. 1985-2002/Jan W1
(c) 2002 Mass. Med. Soc.
File 457:The Lancet 1986-2000/Oct W1
(c) 2000 The Lancet, Ltd.
File 467:ExtraMED(tm) 2000/Dec
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Set	Items	Description
S1	34	CHEMICALLY(W)INDUCIBLE(W)PROMOTER?
S2	5	S1(S)VECTOR?
S3	5	RD (unique items)

>>>KWIC option is not available in file(s): 41, 77, 399

3/3,K/1 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs
(c) 2002 Derwent Publ Ltd. All rts. reserv.

0271970 DBA Accession No.: 2001-11194 PATENT
New nucleic acid comprising a chemically inducible promoter for selecting transgenic lettuce plants having a silent selectable marker and for screening for mutations in a gene of an organism or cell - vector-mediated isopentenyl-transferase or luciferase reporter gene transfer and expression in transgenic plant for improved antibiotic-resistance or herbicide resistance
AUTHOR: Zuo J; Chua N H
CORPORATE SOURCE: New York, NY, USA.
PATENT ASSIGNEE: Univ.New-York-Rockefeller 2001
PATENT NUMBER: WO 200134821 PATENT DATE: 20010517 WPI ACCESSION NO.: 2001-335937 (2035)
PRIORITY APPLIC. NO.: US 438392 APPLIC. DATE: 19991112
NATIONAL APPLIC. NO.: WO 2000US31070 APPLIC. DATE: 20001113
LANGUAGE: English

ABSTRACT: A DNA (I) containing a *chemically* *inducible* *promoter* (PI) and a DNA encoding an estrogen receptor is claimed. Also claimed are: a *vector* containing a PI and a DNA encoding an estrogen receptor; a *vector* containing a constitutive promoter, DNA encoding a DNA binding domain of bacterial repressor LexA, DNA encoding a transactivating domain of VP16, DNA encoding a estrogen...
DESCRIPTORS: lettuce transgenic plant construction, vector-mediated *chemically* *inducible* *promoter*, estrogen receptor, isopentenyltransferase, luciferase reporter gene transfer, appl. improved antibiotic-resistance, herbicide resistance, fluorescent, word display Lactuca sativa enzyme DNA sequence protein sequence crop improvement...

3/3,K/2 (Item 2 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs
(c) 2002 Derwent Publ Ltd. All rts. reserv.

0271969 DBA Accession No.: 2001-11193 PATENT
Selecting transgenic plants with silent marker, in particular transgenic tobacco and lettuce plants, by using selectable marker under the control of chemically inducible promoter - vector plasmid pER8-CKI1 expression in host cell for transgenic plant construction
AUTHOR: Zuo J; Niu Q; Chua N H
CORPORATE SOURCE: New York, NY, USA.

PATENT ASSIGNEE: Univ.New-York-Rockefeller 2001
PATENT NUMBER: WO 200134820 PATENT DATE: 20010517 WPI ACCESSION NO.: 2001-335936 (2035)
PRIORITY APPLIC. NO.: US 439535 APPLIC. DATE: 19991112
NATIONAL APPLIC. NO.: WO 2000US31034 APPLIC. DATE: 20001113
LANGUAGE: English

...ABSTRACT: inducer of IP (e.g. glucocorticoid receptor). Also disclosed are: vector (V) useful in making transgenic plants, that include a selectable marker under control of *chemically* *inducible* *promoter* where the *vector* further contains one or more genes of interest (antibiotic-resistance gene or herbicide resistance gene); and transgenic plant or transgenic plant cell containing (V). The...
DESCRIPTORS: selectable marker, *chemically* *inducible* *promoter*, glucocorticoid receptor, isopentenyltransferase, cytokinin-independent-1 gene, estrogen receptor regulatory region, somatic embryogenesis, embryo culture, plant cell culture, *vector* expression in host cell appl. silent marker tobacco, transgenic plant gene transfer enzyme Nicotiana tabacum Lettuce crop improvement Lactuca sativa (Vol.20, No.21)

3/3,K/3 (Item 3 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs

0242793 DBA Accession No.: 1999-13558 PATENT
Continuous production of excreted protein from cells without loss of plasmids of use of antibiotics - large-scale recombinant protein production via vector plasmid pBR322-mediated beta-lactamase gene transfer and expression in Escherichia coli and immobilization
AUTHOR: Shuler M L; Wilson D B
CORPORATE SOURCE: Ithaca, NY, USA.
PATENT ASSIGNEE: Cornell-Res.Found. 1999
PATENT NUMBER: US 5942421 PATENT DATE: 19990824 WPI ACCESSION NO.: 1999-493511 (1941)
PRIORITY APPLIC. NO.: US 972294 APPLIC. DATE: 19971118
NATIONAL APPLIC. NO.: US 972294 APPLIC. DATE: 19971118
LANGUAGE: English

...ABSTRACT: inducible promoter, which form leaky cells from non-leaky cells, is claimed. The inducible promoter is a phoA phosphate starvation inducible promoter, contained in a *vector* containing phoB and phoR regulatory genes, or a *chemically* *inducible* *promoter* selected from lac, tac and trp or a lambda-PL temp. inducible promoter. The non-leaky cells are cultured to exponential growth and then the...

3/3,K/4 (Item 4 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs

0242694 DBA Accession No.: 1999-13459 PATENT
Selection of transgenic plants using a silent promoter - tobacco transgenic plant construction via vector plasmid-mediated isopentenyltransferase or luciferase gene transfer and expression in Agrobacterium tumefaciens
AUTHOR: Chua N H; Aoyama T
CORPORATE SOURCE: New York, NY, USA.
PATENT ASSIGNEE: Univ.New-York-Rockefeller 1999
PATENT NUMBER: WO 9938988 PATENT DATE: 19990805 WPI ACCESSION NO.: 1999-469335 (1939)
PRIORITY APPLIC. NO.: US 14592 APPLIC. DATE: 19980128
NATIONAL APPLIC. NO.: WO 99US1629 APPLIC. DATE: 19990127
LANGUAGE: English

ABSTRACT: A method for the selection of transgenic plants (I) which involves a silent selectable marker consists of transforming a plant cell with a *vector* containing an isopentenyltransferase (ipt) gene, a

CKI gene or a gene from the knotted family, growing the plants in the absence of a plant growth...

... claimed is a second method for making transgenic plants which display a fluorescent design or words which consists of constructing a transgenic plant with a *vector* containing a luciferase gene under the control of a *chemically* *inducible* *promoter* and placing a chemical which induces the promoter onto the plant, in the pattern of the design or words desired. The new method may be useful for producing transgenic plants with silent markers which are not constitutively expressed. In an example, a *vector* plasmid similar to pBI101, which additionally contained an ipt gene downstream of a 6 x UAS promoter and a glucocorticoid receptor hormone binding domain, was...

3/3,K/5 (Item 5 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs

0223371 DBA Accession No.: 98-04968 PATENT
New chemically inducible promoter from Arabidopsis and its active fragments - vector expression in plant host cell
AUTHOR: Lebel E G; Ryals J A; Thorne L; Uknes S J; Ward E R
CORPORATE SOURCE: East Hanover, NJ, USA.
PATENT ASSIGNEE: Novartis 1998
PATENT NUMBER: WO 9803536 PATENT DATE: 980129 WPI ACCESSION NO.: 98-120689 (9811)
PRIORITY APPLIC. NO.: US 27228 APPLIC. DATE: 960723
NATIONAL APPLIC. NO.: WO 97US12626 APPLIC. DATE: 970718
LANGUAGE: English

ABSTRACT: An isolated DNA sequence (DNA1) is claimed comprising a *chemically* *inducible* *promoter* fragment (CIP) and consisting of nucleotides 1-4258, 3444-4258 or 3561-4258 of a given 4505 bp DNA sequence which encodes the full-length...

... A chimeric gene comprising a marker enzyme e.g. beta-glucuronidase (EC-3.2.1.31) under the control of DNA1 is claimed. A recombinant *vector* containing this chimeric gene and a plant cell (preferably maize (Zea mays), wheat (Triticum aestivum) or Arabidopsis sp.) transformed with this *vector*, are claimed. An isolated DNA sequence (DNA2) involved in inducibility of a CIP comprising nucleotides 3584-3593, 3614-3623, 3644-3653 or 3614-3653 of...
?

3/3,K/4 (Item 4 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs

0242694 DBA Accession No.: 1999-13459 PATENT
Selection of transgenic plants using a silent promoter - tobacco transgenic plant construction via vector plasmid-mediated isopentenyltransferase or luciferase gene transfer and expression in Agrobacterium tumefaciens
AUTHOR: Chua N H; Aoyama T
CORPORATE SOURCE: New York, NY, USA.
PATENT ASSIGNEE: Univ.New-York-Rockefeller 1999
PATENT NUMBER: WO 9938988 PATENT DATE: 19990805 WPI ACCESSION NO.: 1999-469335 (1939)
PRIORITY APPLIC. NO.: US 14592 APPLIC. DATE: 19980128
NATIONAL APPLIC. NO.: WO 99US1629 APPLIC. DATE: 19990127
LANGUAGE: English

ABSTRACT: A method for the selection of transgenic plants (I) which involves a silent selectable marker consists of transforming a plant cell with a *vector* containing an isopentenyltransferase (ipt) gene, a CKI gene or a gene from the knotted family, growing the plants in the absence of a plant growth...

... claimed is a second method for making transgenic plants which display a fluorescent design or words which consists of constructing a transgenic plant with a *vector* containing a luciferase gene under the control of a *chemically* *inducible* *promoter* and placing a chemical which induces the promoter onto the plant, in the pattern of the design or words desired. The new method may be useful for producing transgenic plants with silent markers which are not constitutively expressed. In an example, a *vector* plasmid similar to pBI101, which additionally contained an ipt gene downstream of a 6 x UAS promoter and a glucocorticoid receptor hormone binding domain, was...

3/3,K/5 (Item 5 from file: 357)
DIALOG(R)File 357:Derwent Biotechnology Abs

0223371 DBA Accession No.: 98-04968 PATENT
New chemically inducible promoter from Arabidopsis and its active fragments - vector expression in plant host cell
AUTHOR: Lebel E G; Ryals J A; Thorne L; Uknes S J; Ward E R
CORPORATE SOURCE: East Hanover, NJ, USA.
PATENT ASSIGNEE: Novartis 1998
PATENT NUMBER: WO 9803536 PATENT DATE: 980129 WPI ACCESSION NO.: 98-120689 (9811)
PRIORITY APPLIC. NO.: US 27228 APPLIC. DATE: 960723
NATIONAL APPLIC. NO.: WO 97US12626 APPLIC. DATE: 970718
LANGUAGE: English

ABSTRACT: An isolated DNA sequence (DNA1) is claimed comprising a *chemically* *inducible* *promoter* fragment (CIP) and consisting of nucleotides 1-4258, 3444-4258 or 3561-4258 of a given 4505 bp DNA sequence which encodes the full-length...

... A chimeric gene comprising a marker enzyme e.g. beta-glucuronidase (EC-3.2.1.31) under the control of DNA1 is claimed. A recombinant *vector* containing this chimeric gene and a plant cell (preferably maize (Zea mays), wheat (Triticum aestivum) or Arabidopsis sp.) transformed with this *vector*, are claimed. An isolated DNA sequence (DNA2) involved in inducibility of a CIP comprising nucleotides 3584-3593, 3614-3623, 3644-3653 or 3614-3653 of...
?s (glucorticoid(w)receptor?) and (estrogen(w)receptor?)
Processing
Processed 10 of 43 files ...
Processed 20 of 43 files ...
Processing

```
Completed processing all files
             511  GLUCORTICOID
         4183984  RECEPTOR?
             213  GLUCORTICOID(W)RECEPTOR?
          423383  ESTROGEN
         4183984  RECEPTOR?
          128085  ESTROGEN(W)RECEPTOR?
      S4      25  (GLUCORTICOID(W)RECEPTOR?) AND (ESTROGEN(W)RECEPTOR?)
?rd
>>>Record 156:668246 ignored; incomplete bibliographic data, not retained -
in RD set
...completed examining records
      S5      23  RD (unique items)
?s s5 and (vector? or plasmid?)
              23  S5
         1040154  VECTOR?
          586582  PLASMID?
      S6       0  S5 AND (VECTOR? OR PLASMID?)
```